



CGM 500SDETL - THREephase MOTORWELDER

Product description:

CGM 500SDETL THREephase MOTORWELDING 16KVA

CGM 500SDETL is a single/threephase motorwelder equipped with an FPT F32 AM1A engine with Diesel power supply, able to deliver a power of 16KVA.

CGM 500SDETL is equipped with a practical electric starting system that allows a practical and fast use. The motorwelder is mounted on a fixed base and operates at 1500 rpm, suitable for welding on either 400V threephase or 230V singlephase.

CGM 500SDETL can operate simultaneously as a welder and as a three-phase and singlephase generator set. Suitable for a wide range of applications, including metal structure construction, pipeline construction and construction site use.

The CGM 500SDETL motorwelder features a rugged frame, which not only protects the machine from impact, but also reduces noise emission making it super quiet, with a sound emission of 77 dB perceived at 7 m

TECHNICAL FEATURES CGM 500SDETL

Phase type : Threephase

Maximum threephase output: 12.8 KW / 16 KVA

Maximum singlephase output: 5.2 KW / 6. 5 KVA

Engine: FPT F32 AM1A

Fuel: Diesel

Cylinders : 4

Displacement : 3200 cm³

Max Engine output: 39 HP

Max Welding Current : 500-390 A at 35%/60%

Tank : 50 Lt

Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket



Power supply : Electric with battery
Acoustic Power : 77 dB(A) at 7 m
Voltage : 230 V / 400 V
Frequency : 50 Hz
Power factor : 0. 8
Welding current : 35-500 A
Cooling : Water
Number of turns : 1500 rpm
Autonomy : 8.3 h
Consumption at 3/4 load : 6 L/h
Oil capacity : 8. 8 Lt
Alternator : LINZ, Brushless
Number of Poles : 4
Number of Phases : 3
Welding voltage : 20 - 40 V
Power consumption : 35.4 hp / 26 KW
Voltage regulation : AVR
Width : 1500 mm
Length : 900 mm
Height : 1500 mm
Weight : 700 Kg

Are you looking for a motorwelder with different characteristics? [Here](#) you can find the entire range of CGM or other brands specializing in the field

Please note that the image is purely for demonstration purposes.

Product features:

Phase: Three phase
Maximum power single phase (KW): 5.2
Maximum power single phase (KVA): 6.5
Maximum power three phase (KW): 12.8
Maximum power three phase (KVA): 16
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230 / 400
Sockets configuration: 1 x 230 V 3P CEE + 1 x 400 V 5P CEE
Engine: FPT F32 AM1A
Engine rpm (rpm): 1500
Starting system: Electric
Engine capacity (cm³): 594
Number cylinders: 4



Oil capacity (L): 8.5

Cooling: Water

Alternator: Linz, brushless

Poles: 4

Welding current (A): 220-170 A at 35%/60%

Welding voltage min/max (V): 21 - 32

Fuel tank capacity (L): 50

Consumption (L/h): 6 at 75% of the load

Running time (h): 15.1

Acoustic pressure: 77 dB(A) at 7 m

Length (mm): 900

Width (mm): 1500

Height (mm): 1500

Dry weight (Kg): 700

AVR: Yes

Silenced: No

Super silenced: No

